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USACE/FEMA SLS 2007
The National Conference Center
March 6-7, 2007
Lansdowne, VA

FEMA

Update:

Catastrophic Disaster Planning

FEMA: Michel S. Pawlowski

Incident Response Section Chief

Catastrophic Disaster Planning-South Florida

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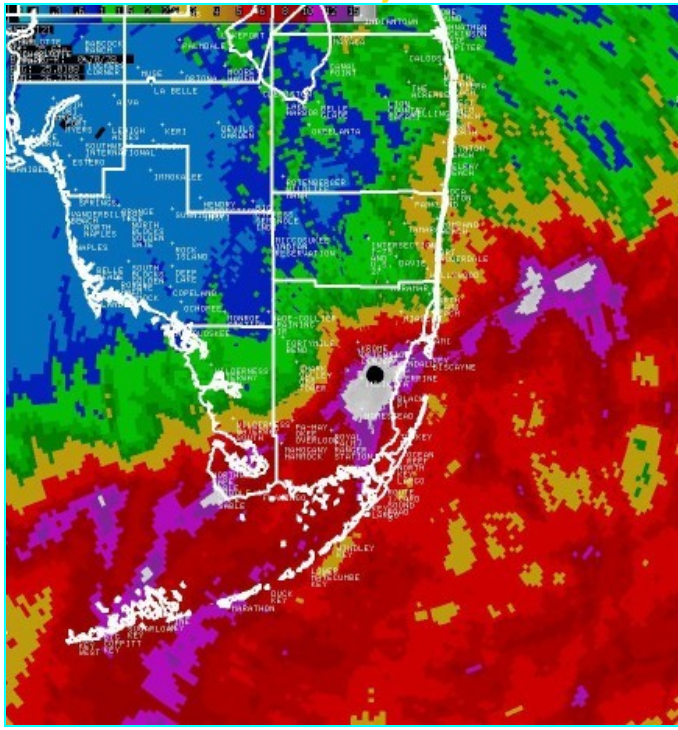
Lake Okeechobee/Herbert Hoover Dike

Regional evacuation and response planning for the Herbert Hoover Dike in the event of a rupture in the southern end of Lake Okeechobee. Includes Glades, Hendry, Palm Beach, Martin and Lee Counties, Florida.

Miami, Florida



Response and recovery planning for a Category 5 Hurricane impacting Sou Florida, making landfall i Miami, Florida.

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Catastrophic Disaster Planning

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Florida:

Category 5 Hurricane – Landfall Miami

- **Phase 1 – Lake Okeechobee Evacuation Plan Spring ’07**
  - February Scenario Driven Workshop - Local
  - April Workshop - State
  - June Workshop – Miami Follow Up
  - May 7-11 Exercise
- **Phase 2 – Florida Plan ’08**
  - Fall 2007 Workshops

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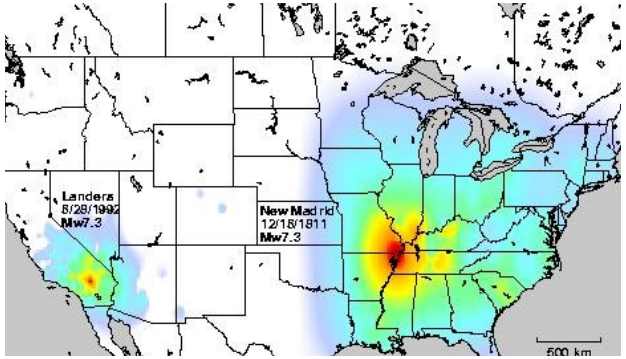
The Challenge in NMSZ

FEMA

- **NMSZ = Huge Fault, Huge Damage, Huge Impact**
- **150-mile long fault from Arkansas through Missouri, Tennessee & Kentucky to Illinois**
- **Significant national impact**
  - **Ripple effect across America**
- **Potential for greater effect than quake in CA**
- **Central U.S. earthquakes on 200-year cycle**
- **Northridge, CA cost approx $40B in 1994**
- **Estimated building loss -- $70B**
- **Tremendous impact on critical infrastructure**
- **44M people live in eight-state region**
  - **12M in high risk area**
- **Severe weather & significant evacuation issues**

Northridge (6.7M) vs. 1886 (



Landers, CA (7.3M) vs. 1812

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Response Challenges

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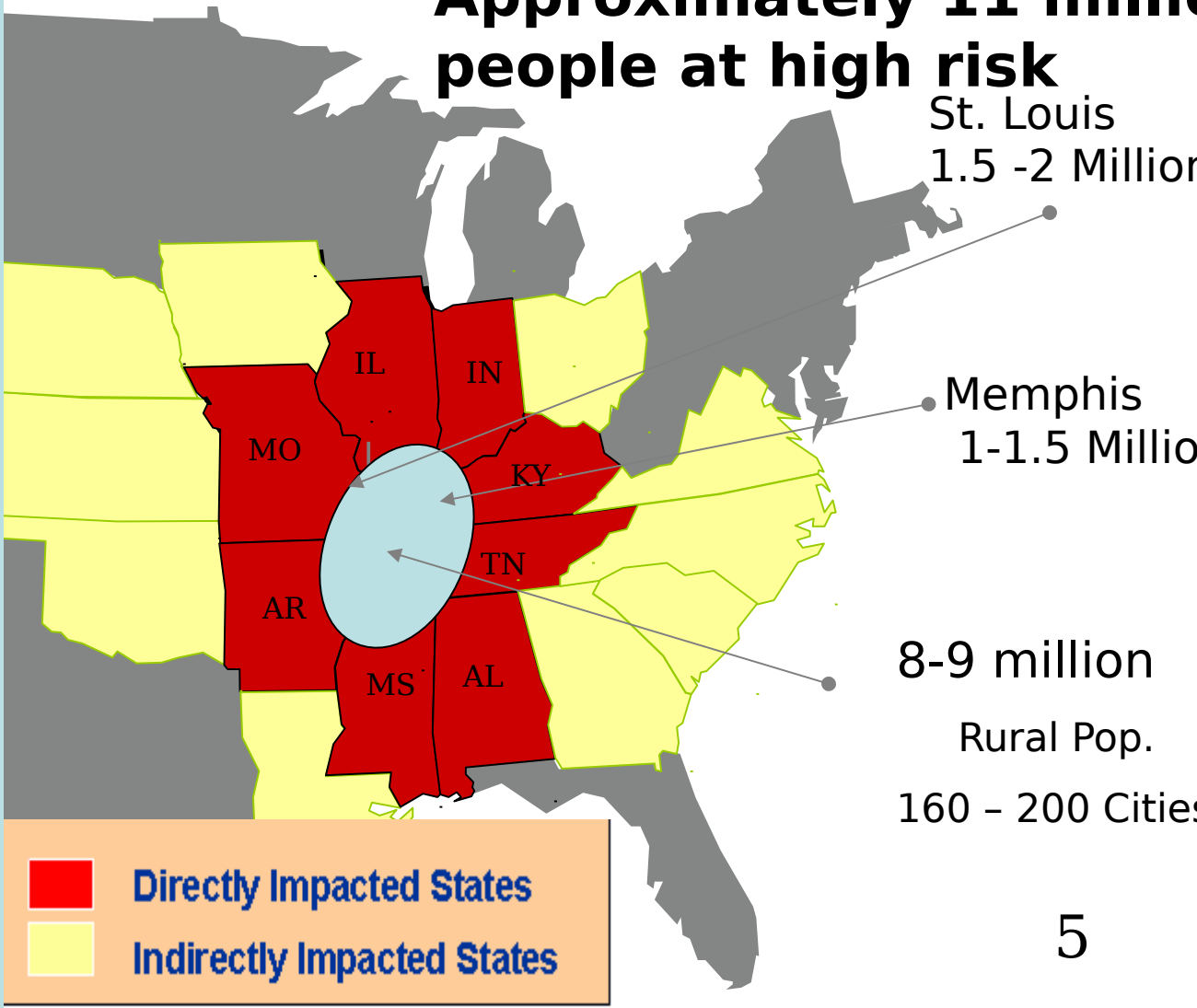
- No notice event that is not commonly recognized
- Consequences eclipse Katrina
- Large area of impact **- 126,575 Sq. Miles**
- Multiple jurisdictions with multiple governors
- Significant infrastructure impacts
- Response problems during multiple aftershocks
- Poor situational awareness
- Security demands
- Mass care/shelter needs
- Major housing



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Partnerships to Meet the Challenge (Same approach used for FL & NNSZ)

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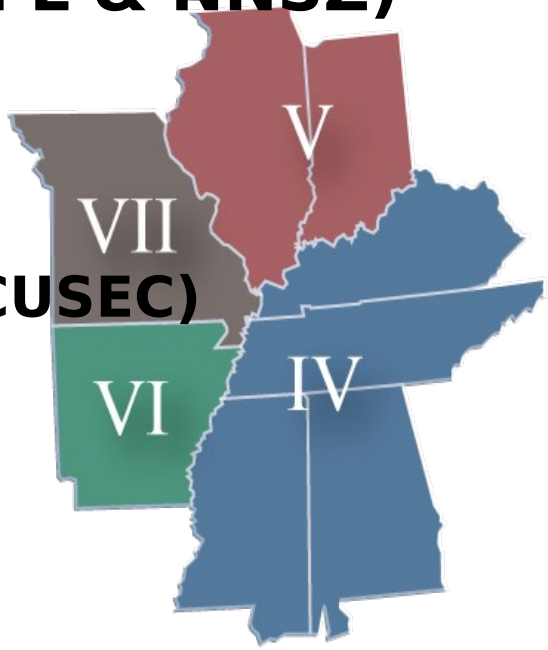

- **Federal, State, Local partnership**
- **Central US Earthquake Consortium (CUSEC)**
  - **AL, AR, IL, IN, KY, MS, MO, TN**
- **DHS components**
- **FEMA Hq and Regions IV, V, VI, VII**
- **Federal and Sector Specific Agencies**
- **Emergency Management Assistance Compact (EMAC)**
- **Tribal and local governments**
- **Business, Industry, and Voluntary Organizations**

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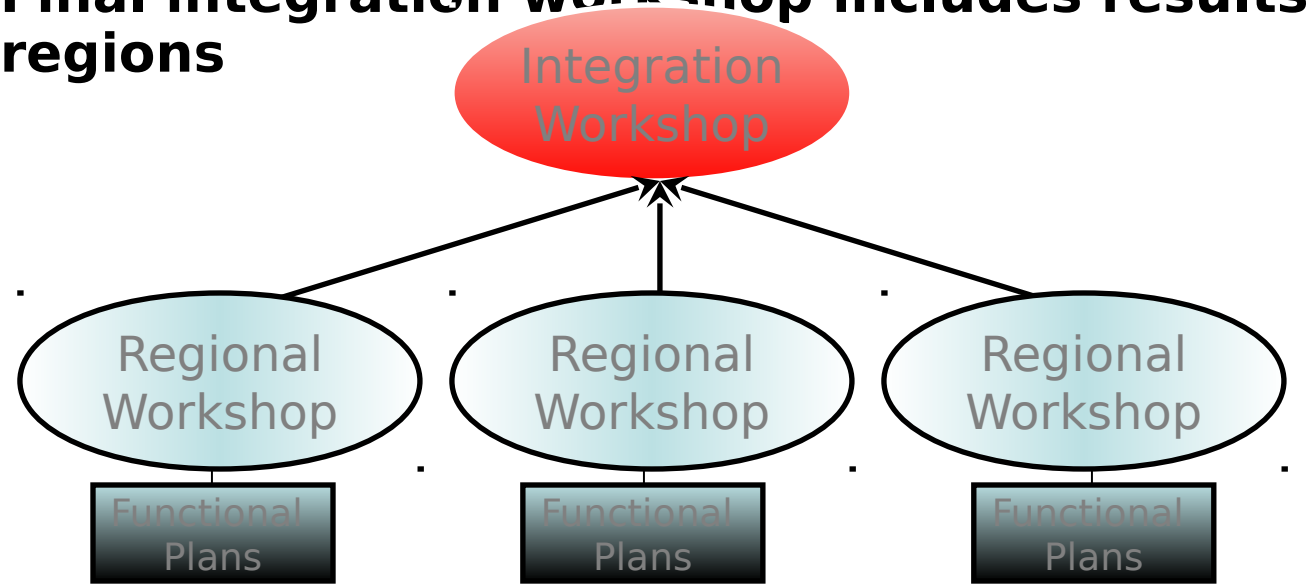
Approach to the Challenge

- **Multiple levels of scenario driven workshops:**
  - **Initial functional area-specific workshops**
  - **Urban workshops (St. Louis & Memphis)**
  - **Rural workshops (Charleston, MO, Wickliff, KY & Cairo, IL)**
  - **Final integration workshop includes results from all regions**



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Catastrophic Disaster Planning

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NMSZ Schedule:

- **FY 2007**
  - **Interim CONOPS**
  - **Scenario driven workshops**
- **FY 2008**
  - **NMSZ plan**
- **FY 2009 – 2010**
  - **Scenario based training & exercising**
  - **States independently/regionally exercise plans**
- **FY 2011**
  - **Major Command Exercise (Proposed)**

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Interim Contingency Plan

FEMA

- **FEMA Director - National Incident Coordinator**
- **Implement NRP Catastrophic Incident Supplement**
- **Immediate damage assessment/remote sensing/modeling (e.g., HAZUS)**
  - **MAEC, NISAC support**
  - **Critical infrastructure/Key Assets**
  - **Establish priorities for response**
- **Communication**
  - **POTUS/Secretary DHS -- Public Assurance**
  - **Governors**
  - **Public information – Digital Emergency Alert System**
- **Establish Unified Command Structure**
  - **Primary/multiple JFOs and coordination**
  - **Lead FEMA Region option**
  - **Initial deployment of JFO Coordination Group to affected State EOCs**

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Interim Contingency Plan

FEMA

- **NOC supported by HSIN/COP to ensure Situational Awareness**
- **ALL DHS/FEMA teams mobilized to support response**
  - **DSAT, FIRST, ERT-N, ERT-A, NDMS, US&R, MERS, RNAs**
- **Implement Defense Production Act to meet requirements**
- **Leverage 2006/2007 hurricane season experience**
  - **Pre-scripted mission assignments**
  - **Pre-positioned disaster supplies**
- **Level 1 staffing of NRCC with ESFs**
  - **Transportation, housing, emergency power, logistics, commodities, communications, temp medical etc.**
  - **Establish working groups for long term issues (housing, mass care, medical, etc.)**
- **Range of new Recovery policies**